



November 26, 2008

Sent via email

Eric Johnson
U.S. Environmental Protection Agency
Region 8, 8ENF-T
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RE: Progress report for October 2008 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Mr. Johnson:

Per paragraph 64 of the Order, enclosed is a copy of the October 2008 progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4112 or e-mail at pglader@hecla-mining.com.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Glader".

Paul L. Glader
Manager Environmental Services

Encl

Cc: HMC Legal Dept (w/o attachments)
John Jacus, Esq. (DG&S)



November 26, 2008

Sent via U.S. Mail

Glenn Rogers, Chairman.
Shivwits Band of Paiute Indian Tribe
6060 West 3650 North
Ivins, Utah 84738

John Krause
Bureau of Indian Affairs
400 North 5th Street, Floor 12
Phoenix, AZ 85004

Kelly Youngbear
BIA Southern Paiute Agency
P.O. Box 720
St. George, UT 84771

RE: Progress report for October 2008 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Chairman Rogers, Mr. Krause and Ms. Youngbear:

Per paragraph 64 of the Order, enclosed is a copy of the October 2008 progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4112 or e-mail at pglader@hecla-mining.com.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Glader", with a long, sweeping horizontal line extending to the right.

Paul L. Glader
Manager Environmental Services

Encl

Cc: HMC Legal Dept. (w/o attachments)
John Jacus, Esq. (DG&S) (w/o attachments)
Eric Johnson (USEPA, Region VIII) (w/o attachments)



November 26, 2008

MEMORANDUM TO: Apex File

COPIES TO: distribution

FROM: Paul Glader

SUBJECT: Progress Report No. 54 for period ending October 31, 2008; Pond 2 Final Closure - Apex Site, Washington County, Utah

Summary

The monthly visual inspection, per the long term monitoring plan, was conducted on October 11. No unusual conditions were noted. Monuments were surveyed.

Work Planned for Next Period

Visual inspection of site
Settlement monument survey – quarterly basis

Cost and Schedule

Committed costs in October 2008 were \$852. Total project to date committed is approximately \$1,288,400.

Supplemental Attachments

October 2008 site inspection report
October 2008 cost report

Annual Site Inspection Summary Sheet - Apex Site - Pond 2

Hacila Mining Company - Long-Term Maintenance and Monitoring Plan

Form 1 of 4 - Summary

Date: <u>10-11-08</u>			
Inspector: <u>D. Truman</u>			
Cover System Component	Potential Problem		Limits Potentially Exceeded
Site Perimeter	Erosion or Fencing Issues		NA
Cover System (outslopes, top, rock)	Subsidence		Minor: ponding < 1" some gulying / erosion Yes <input checked="" type="checkbox"/> * No <input type="checkbox"/>
			Significant: see Table 2 Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Embankment Slope Stability		excessive movement or surface cracks > than 1" Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Gulying	on top	depth > 1" Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
		at embankment crest or on outslope	depth > 2" Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
		w/in normal flow channel in diversion channel	no gulying allowed Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
		w/in diversions at toe of impoundment outslope	no gulying allowed Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
		in diversion channel at any other location	NA NA
	Erosion Protection Stability		rock subsiding or missing Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Seepage		no colored seepage allowed (red, blue, yellow w/ crystallization) Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Runoff Control System	Diversion Channel	rock in place, channel not moving, fence stable Yes <input checked="" type="checkbox"/> * No <input type="checkbox"/>	
	Diversion Swales	rock in place, no silting in or head cutting Yes <input checked="" type="checkbox"/> * No <input type="checkbox"/>	
	Excessive silt build up at fence lines in diversion channel	allowed if not affecting cover system Yes <input checked="" type="checkbox"/> * No <input type="checkbox"/>	

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecia Mining Company - Long-Term Maintenance and Monitoring Plan

Form 2 of 4 - Site Perimeter

Inspection Date: <u>10-11-08</u>	
Inspector: <u>D. Harmon</u>	
Visible Outlying Areas	
Observed Condition:	<u>All Areas ok</u>
Observed Damage:	<u>None</u>
May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Property Boundary Fence and Gate (walk fence line)	
Observed Condition:	<u>Fences and Signs ok</u>
Observed Damage:	<u>None</u>
Potential Corrective Actions:	<u>None</u>
May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
All Upgradient Areas (areas that drain onto property)	
Observed Condition:	<u>No problem</u>
Observed Damage:	<u>None</u>
May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

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Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 3 of 4 - Impoundment

Inspection Date: <u>10-11-88</u> Inspector: <u>D. TRUMAN</u>			
Outslopes			
Observed Performance:	Rock Cover Subsidence:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Excessive Slope Movement (failure):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Gully Development:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Observable Leachate (colored):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Excessive Siltation (at slope toe):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Observed Damage: <u>None</u>			
Potential Corrective Actions: <u>None</u>			
Top (top surface soils)			
Observed Performance:	Cracking (>1" width):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Settlement / Evidence of Ponding:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Erosion / Gullyng:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Observed Damage: <u>None</u>			
Potential Corrective Actions: <u>None</u>			
Erosion Protection Layer (rock)			
Observed Performance:	Rock Staying in Place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Rock Subsiding:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Missing Rock:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Observed Damage: <u>None</u>			
Potential Corrective Actions: <u>None</u>			

Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecia Mining Company - Long-Term Maintenance and Monitoring Plan

Form 4 of 4 - Diversion Channel and Swales

Date: <u>10-11-08</u>			
Inspector: <u>D. [Signature]</u>			
Diversion Channel			
Observed Performance:	Erosion Protection in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Normal Flow Channel in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Encroaching on Site Fencing:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Observed Damage: <u>None</u>			
Potential Corrective Actions: <u>None</u>			
Diversion Swales			
Observed Performance:	Erosion Protection in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Flow Channel Silting In:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Head Cutting:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Observed Damage: <u>None</u>			
Potential Corrective Actions: <u>None</u>			

* Mark all areas of concern or requiring repairs on attached site map.

Activity	2004 Budget	Revised Budget May 2004	Committed Cost this Period	Cumulative Committed Cost To Date 10-31-08	Forecasted Cost To Complete	Forecasted Final Cost	Remarks on Forecast to Complete
Phases I through III (Completed February 2006)							
Phase I - Drain Excess Liquid From Tailings	189,200	72,700		67,928	0	67,928	
Phases II, IIA + IIB - Evaporate Excess Liquid	6,000	8,000		242,882	0	242,882	
Phase III - Regrading & Final Cover System	337,000	342,050		504,742	0	504,742	
Field Indirect Costs	164,500	213,568		378,517	0	378,517	Includes Jan + Feb 2006 long term monitoring costs
Hecla Costs	18,700	18,700	0	33,324	0	33,324	
Subtotal Phases I through III	715,400	655,018	0	1,227,393	0	1,227,393	
Long Term Monitoring (through FY 2010)							
Site Inspections			177	6,189	1,066	7,255	
Settlement Monitoring			675	6,750	3,675	10,425	
Consultant Support:							
Annual Geotechnical Engineer Inspections				2,495	18,100	20,595	Includes settlement monitoring data analysis
Vegetation Monitoring			0	0	20,000	20,000	Allowance for surveys in FY 2008 - 2010
Site Conditions Review - MEI				6,474	3,327	9,801	
Site Conditions Review - SVL Analytical			0	2,079		2,079	
Erosion Repair Review - MEI				2,927	573	3,500	
Revegetation Review - Bamberg					3,500	3,500	
Maintenance:							
Erosion Repair Allowance				21,941	7,500	29,441	Erosion repair conducted April 2008
Revegetation Allowance				9,912	10,000	19,912	Revegetation conducted April 2008
Hecla Project Management Costs:							
Labor			0	2,266	7,909	10,175	
Travel expenses			0	0	1,312	1,312	
Subtotal Long Term Monitoring	0	0	852	61,033	76,962	137,995	
Total Pond 2 Final Closure	715,400	655,018	852	1,288,426	76,962	1,365,388	

Eric Johnson/R8/USEPA/US
12/01/2008 07:10 AM

To Amy Swanson/ENF/R8/USEPA/US@EPA
cc
bcc
Subject Fw: Scan from Xerox WorkCentre

----- Forwarded by Eric Johnson/R8/USEPA/US on 12/01/2008 07:10 AM -----



Paul Glader
<pglader@hecla-mining.com>
11/26/2008 03:48 PM

To Eric Johnson/R8/USEPA/US@EPA
cc
Subject FW: Scan from Xerox WorkCentre

Eric
Apex - October monthly.

Paul

-----Original Message-----

From: techcopier@hecla-mining.com [mailto:techcopier@hecla-mining.com]
Sent: Wednesday, November 26, 2008 5:27 AM
To: Paul Glader
Subject: Scan from Xerox WorkCentre

Please open the attached document. It was sent to you using a Xerox WorkCentre Pro.

Sent by: Guest [techcopier@hecla-mining.com] Number of Images: 8 Attachment
File Type: PDF

WorkCentre Location: Tech Services Workroom Device Name: XeroxENG55



Scan001.PDF